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Сору 107

9 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

# MINSK ARMY TRAINING AREA KALININA MINSK, USSR BELORUSSIAN MD



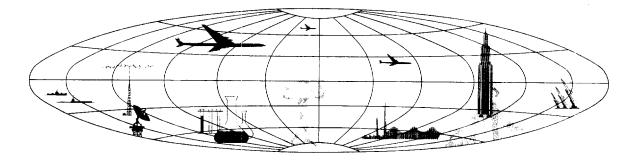


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#### PREFACE

This report is one in a series on Soviet Ground Force and logistic installations being prepared for a DIA/ClA Panel. The series is being coordinated, published and disseminated by NPIC. The photographic analysis is being performed by the NPIC Photographic Analysis Group, the CIA Photographic Intelligence Division (NPIC), and the Production Center 1P1c (DIA). The photographic analysis for this particular report was performed by the NPIC Photographic Analysis Group.

In the interest of uniformity, the titles and letter designators for the facilities observed at these installations are identical with those appearing in the project requirement. When a specific facility is not observed both its title and letter designator are omitted in the report.

Titles and letter designators for the various facilities are as follows: (A) railroad service, (B) road service, (C) landing strips, (D) administrative and troop housing areas, (E) storage areas, (F) ammunition storage areas, (G) POL storage areas, (H) other buildings and facilities, (J) equipment storage/maintenance areas, (K) athletic fields, (L) small arms firing ranges, (M) driver training areas, (N) tank/ assault gun firing ranges, (P) flat trajectory firing ranges, (Q) artillery emplacements (batteries), (R) infantry or combined arms field training area or courses, (S) special training facilities, (T) unidentified facilities or tracking activity.

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# MINSK ARMY TRAINING AREA KALININA (53-55N 027-45E) MINSK, MINSKAYA OBLAST, USSR BELORUSSIAN MD

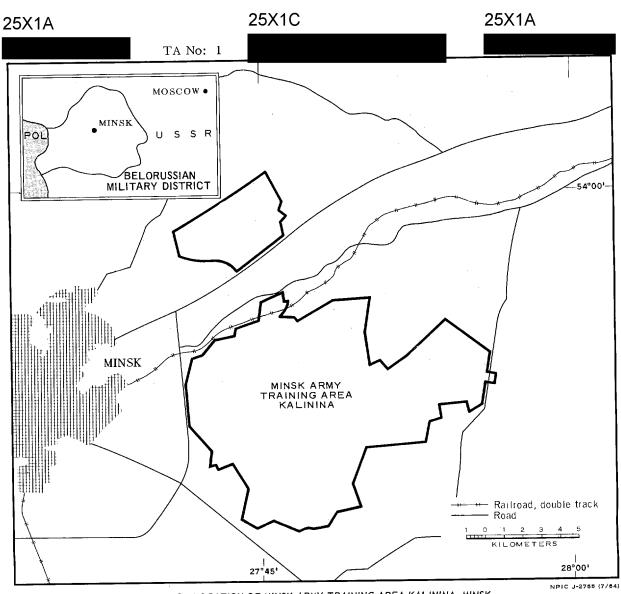


FIGURE 1. LOCATION OF MINSK ARMY TRAINING AREA KALININA, MINSK.

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#### SUMMARY

Minsk Army Training Area Kalinina is located 10 kilometers (km) east of Minsk (53-54N 027-35E) with the major portion south of the Minsk-Moscow Railroad (Figure 1). The training area is directly associated with Minsk Army Barracks Uruchye (AL-1) and Minsk which Barracks Kalinina separate the two portions of the training area. All-weather roads connect the two portions of the training area with the two barracks areas. The Minsk-Moscow rail line passes through the northern section of the larger portion of the training area. A possible transloading point is located in a small secured area served by a single-track spur.

The larger portion of the training area (Figure 2) covers approximately 28,280 acres and is located on generally level ground in a fairly heavily wooded area. The smaller portion covers approximately 3,500 acres and is located on level ground in a largely wooded area with the major training facilities in generally cleared areas. Troop housing and logistical support for the training area is provided by Minsk Army Barracks Uruchye and Minsk Barracks Kalinina. Two bivouac areas are in the southeast portion of the larger area.

All driver-training facilities are located in the larger area and consist of two trackedvehicle and one wheeled-vehicle driver-training An equipment storage/maintenance area is adjacent to one of the tracked-vehicle driver-training courses.

Five tank/assault-gun firing ranges and a flat-trajectory range are in the overall training area. There are also 10 field artillery battery emplacements. Two probable impact areas are located near the center of the larger area.

Two infantry field-training areas and a combined-arms field-training course are located in the larger area. Near the combined-arms course are two unidentified training facilities which are possibly firing facilities.

In the smaller area are a probable wheeledvehicle-mounted automatic weapons firing range, a probable automatic weapons firing range, and a third firing range which is a combination of the other two.

The training area was covered by TALENT photography and 11 KEYHOLE missions between Comparative analysis reveals the following significant changes between

Area M2, a wheeled-vehicle driver-training course, was converted to a tracked-vehicle driver-training course; Area R3, an infantry field-training course, was converted to a combined-arms training course (areas T1-2); construction of two unidentified training facilities; and conversion of an infantry field-training course to a combined probable wheeled-vehiclemounted automatic weapons and probable small arms range. Other significant changes observed 25X1D between (1)construction

of 39 buildings in bivouac area Dl between (2) construction of three build-

ings in bivouac Area D2 between (3) construction of the equipment storage/ maintenance Area J between

(4) construction of two closed-circuit 25X1D driver-training courses, one tracked in Area 25X1D M1 and one wheeled in Area M3, between

(5) construction of a tank/ assault-gun firing range in Area N3 between (6) conversion of a flat-

trajectory range to a tank/assault-gun firing range in Area N4 between

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and (7) conversion of a tracked-vehicle drivertraining course to a probable wheeled-vehiclemounted automatic weapons firing range in Area S1.

The general level of activity remained about the same over the

period. The increased use of tracked vehicles was apparent on KEYHOLE coverage. The only winter activity observed on snow-covered photography of was in the probable wheeled-vehicle-mounted automatic weapons firing range (S3).

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#### DESCRIPTION OF INSTALLATION

### Railroad Service

The Minsk-Moscow railroad passes through the area. A single-track spur into a small secured area provides a possible transloading point (Area A). There appears to be open storage alongside the tracks.

## Road Service

The installation is connected by all-weather roads to Minsk Army Barracks Uruchye (AL-1), Minsk Barracks Kalinina, Minsk-Moscow highway, and Minsk-Marina Gorka highway.

## Aircraft Landing Strip

Minsk Stepyanka Airfield is located in the western portion of the area.

## Administrative and Troop Housing Areas

Area D1 contains nine administration buildings and 30 small unidentified buildings. This bivouac area covers 110 acres. Activity increased between All build-

ings were constructed between

Area D2 contains three support buildings constructed between This bivouac area covers 145 acres. Decreased activity was noted between

## Other Buildings

Eleven miscellaneous support buildings are located throughout the installation. Three of these buildings were added between and and appear to be associated with Q5.

## Equipment Storage/Maintenance Area

Area J contains six 120- by 30-foot storage/
maintenance buildings and eight support buildings. These buildings were added between

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### Athletic Field

Area K is an athletic field adjacent to Area

D1, apparently deactivated between

A road now crosses the field.

## Small Arms Firing Ranges

Area L1 is a 550- by 40-foot range with light activity.

Area L2 is a 350- by 190-foot small arms firing range. Activity increased slightly between with light activity between

# Driver-Training Areas

Area M1 is a closed-circuit tracked-vehicle driver-training course added between 25X1D

The area reveals a consistent medium level of activity.

Area M2 is a closed-circuit tracked-vehicle driver-training course. this area was used for wheeled vehicles. Between

it was converted to a trackedvehicle area. Activity was fairly heavy during the summer months.

Area M3 is a closed-circuit wheeled-vehicle driver-training course added between Activity is consistently light.

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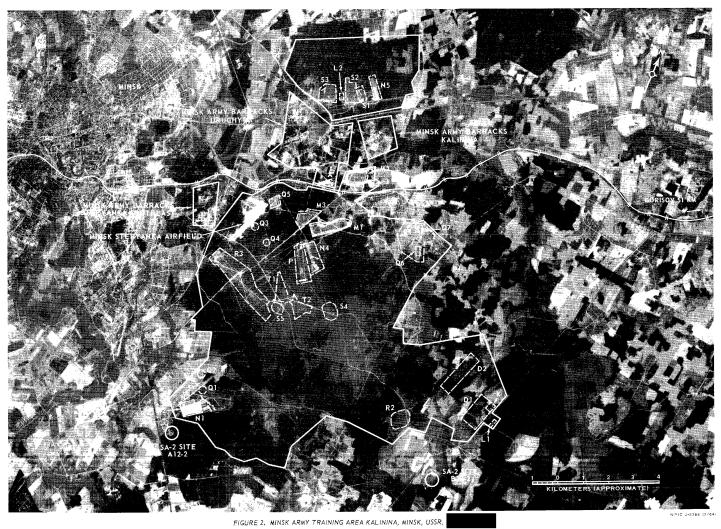
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	Tank/Assault-Gun Firing Ranges	Activity was light between	25X1D 25X1D
25X1D 25X1D	Area N1 is a 4,300-foot range* with three 2,700-foot firing lanes and three stationary targets at 7,700 feet, one moving target run** at 130 degrees right, and three moving target runs at 170 degrees left. Activity increased from	Area N5 is a 3,200-foot range with two 2,000-foot firing lanes and one moving target run at 85 degrees left. The length of the lanes was reduced from 3,200 to 2,000 feet between Activity was consistently	25X1D 25X1D
25X1D 25X1D 25X1D 25X1D	The number of lanes remained the same in and on KEYHOLE coverage but the length increased 1,200 feet. Three moving targets were activated and four moving targets and three stationary targets were constructed between constructed between sistently heavy activity was observed from	fairly heavy.  Flat Trajectory Firing Range Area P is a 4,500-foot flat trajectory firing range with one moving target run at 80 degrees right. Six firing points were present on coverage. Four firing points observed in	25X1D 25X1D 25X1D
23/11/1	Area N2 is a 4,200-foot range with three 2,800-foot firing lanes and three stationary	were removed by  Artillery Emplacements (Batteries)  Area Q1 is a four-position FA emplacement.	
25X1D 25X1D	targets at 7,700 feet, one moving target run at 140 degrees right, and one moving target run at	Area Q2 is a four-position FA emplacement first observed in Area Q3 is a four-position FA emplacement.	25X1D
25X1D 25X1D 25X1D 25X1D	One lane was deactivated and three lanes increased 1,400 feet in length between Moving and stationary targets were constructed between	Area Q4 is a four-position FA emplacement first observed in Area Q5 consists of three 6-gun FA emplacements located in Area R1 (Infantry Field	25X1D
25X1D 25X1D	Consistently heavy activity was noted between  Area N3 is a 3,300-foot range with two	Training Area). Positions were first observed in Area Q6 consists of two 6-gun FA emplace-	25X1D
25X1D	1,600-foot firing lanes and two moving target runs, one 70 degrees left and one 160 degrees	ments located in Area R1. The positions were first observed in	25X1D
25X1D	left. All facilities were constructed between  2. Light activity was observed	Area Q7 is a four position FA emplacement.  TALENT photography reveals numerous additional firing positions which are not dis-	
	Area N4 is a 3,800-foot range with three 2,500-foot firing lanes and four moving target	cernible on KEYHOLE because of small scale and quality.	
25X1D	runs, one 90 degrees right, two 10 degrees right, one 135 degrees left, and three possible moving targets at 180 degrees. This range was	Infantry or Combined-Arms Field-Training Areas or Courses	
25X1D	a flat trajectory range in all present facilities were added.	Area R1 is an infantry field-training area. It contains numerous trench systems, trenches and foxholes. Increased activity was observed	25X1D
	*The length of a range is the maximum distance from the static firing line to the moving target runs and/or impact area.  **The angle of the moving target run is the angle formed by the target run and a perpendicular line from the static firing line to the target run at the control house position.	between and activity was observed between and activity was consistently fairly heavy between Area R2 is an infantry field-training area	25X1D 25X1D

firing line to the target run at the control house position.

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25X1D with consistently light activity between moving targets is 1,700 feet. Activity was con-25X1D 25X1D sistently light between 25X1D Area R3 is a combined-arms training The vehicle loop and firing line were 25X1D this area was an infantry train-25X1D active on snow-covered ing course. It was converted to a combined-arms raphy. 25X1D course between Area S4 is a probable impact area which 25X1D was consistently heavy from covers approximately 220 acres. It was readily 25X1D but small scale of KEYHOLE apparent in Special Training Facilities photography precludes confirmation. Activity 25X1D Area S1 is a probable wheeled-vehicleincreased between 25X1D mounted automatic weapons firing range. There are two loops for vehicles and two moving Area S5 is a probable impact area which 25X1D 25X1D target runs, one at 90 degrees right and one covers approximately 76 acres. It was readily at 20 degrees right. Maximum target distance apparent in but small scale KEYHOLE is 1,600 feet. this area was a trackedphotography precludes confirmation. 25X1D vehicle driver-training course. Current usage Unidentified Facilities or Tracked Activity 25X1D was first observed in There was Area T1 consists of two points with radiatmedium activity in ing scars. These scars intersect at approxi-Area S2 is a probable automatic weapons mately a 90-degree angle. One point has five firing range. There are at least 15 moving scars, and one has seven scars. The point with 25X1D target runs at different angles. five scars appears active while the seven-scar target distance is 3,000 feet, minimun 800 feet. 25X1D point has little activity. The location near Area Only 10 moving targets were present in R3 and Area S5 indicates some type of firing 25X1D Activity was light to medium from facility. Scars from the five-scar facility are 25X1D An undetermined number 2,200 feet in length, while the scars from the 25X1D of firing points are along a 2,400-foot static seven-scar facility are 3,850 feet long. The firing line. five-scar facility was first observed in 25X1D The seven-scar facility was first ob-Area S3 is a combined probable small arms 25X1D firing range and wheeled-vehicle-mounted autoserved in Activity remained conmatic weapons firing range. The area consists stant through of two moving target runs, one at 70 degrees left Area T2 consists of two points with scars and one at 15 degrees left, and one loop for radiating from the points in the same direction. wheeled-vehicles. Maximum target distance One point has eight scars, one has four. Nine 25X1D from the vehicle loop to the moving targets is parallel lines intersect the 12 scars at roughly this was an infantry combat 2,000 feet. a 50-degree angle. The length of the 12 scars course with numerous trenches and six moving is 2,750 feet. The location near Area R3 and 25X1D 25X1D Trenches and moving targets were targets. Area S5 indicates some type of firing facility. 25X1D 25X1D The two moving targets gone by These two points were first observed in 25X1D and vehicle loop were present in The nine parallel scars were added There are an undetermined number of firing Both sets of between points along a 1,700-foot static firing line. Maxradiating scars and the parallel scars appear

imum target distance from the firing line to the

active.

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## REQUIREMENT

C-RR4-81,111 (partial answer)

NPIC PROJECT

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